

**IN THE CLAIMS**

For the convenience of the Examiner, all pending claims of the present Application are presented below whether or not an amendment has been made. The claims are shown to include the Examiner's Amendment of November 30, 2004. Please amend the claims as follows:

1. **(Previously Presented)** A method of communicating voice transmissions to a receiving device from a transmitting device, comprising:

receiving a user input through a user interface associated with the transmitting device;

using an encryption key value to select an initial encryption algorithm from an encryption selection table, the encryption selection table stored at the transmitting device, the encryption key value calculated as a function of at least one or both of a periodic key value and a public variable key value, the user input comprising at least one of the encryption key value, the periodic key value, or the public key value;

encrypting the initial voice transmissions from the transmitting device using the initial encryption algorithm, the transmitting device capable of encrypting voice transmissions using a plurality of encryption methods; and

transmitting the encrypted initial voice transmissions from the transmitting device.

2. **(Original)** The method of Claim 1 and further comprising:  
receiving a periodic key value at the transmitting device;  
receiving a public variable key value at the transmitting device;  
calculating an index value as a function of the periodic key and public variable key values; and

calculating the encryption key value as a function of the index value.

3. **(Previously Presented)** The method of Claim 2 wherein the encryption key value is an integer equal to the units place of the index value.

4. **(Previously Presented)** The method of Claim 1 and further comprising:  
periodically changing to a next encryption method as indicated in the encryption selection table;  
encrypting subsequent voice transmissions using the next encryption method;  
transmitting the encrypted subsequent voice transmissions to the receiving device;  
and  
transmitting to the receiving device a warning switch signal prior to transmitting the subsequent voice transmissions.

5. **(Original)** The method of Claim 4 wherein the step of periodically changing comprises the step of changing to the next encryption method responsive to the expiration of a timer.

6. **(Previously Presented)** The method of Claim 4 wherein the warning switch signal comprises a predetermined and audible tone detectable by the receiving device, the tone indicating to the receiving device that the subsequent voice transmissions are encrypted according to the next encryption method.

7. **(Previously Presented)** A telecommunications device operable to send and receive encrypted voice communications through a public switched telephone network, the device comprising:

a central processing unit operable to receive a user input through a user interface;

an encryption decryption engine operable to execute a plurality of encryption methods under the control of the central processing unit;

an encryption selection table accessible to the central processing unit, the encryption selection table accessed using an encryption key value, the encryption selection table specifying at least one encryption algorithm associated with each of the encryption key values; and

the device operable to:

encrypt voice communications using an initial encryption method associated with an indicated encryption key value; and

transmit the encrypted voice communications through a public switched telephone network.

8. **(Previously Presented)** The device of Claim 7 wherein the encryption key value comprises a number which is a function of a periodic key value and a public variable key value, the periodic key value being a number which is agreed upon between a transmitting party and a receiving party exchanging voice communications, the public variable key value being a numeric value which is accessible by both the transmitting and receiving party.

9. **(Original)** The device of Claim 7 and further comprising a timer operable to communicate with the central processing unit, the device operable to switch to a next encryption method as indicated in the encryption selection table by incrementing the key value and retrieving the next encryption algorithm associated with the incremented key value, the device operable to switch to the next encryption algorithm upon a signal received by the central processing unit from the timer such that the device is operable to periodically change from one of the plurality of encryption methods to a different encryption method during the course of a single voice communication session.

10. **(Original)** The device of Claim 9 wherein the device is further operable to transmit a warning switch signal to the receiving device prior to transmitting information encrypted using the next encryption method.

11. **(Previously Presented)** The ~~method~~ device of ~~Claim 1~~ Claim 7 wherein the ~~method~~ device is operable to switch to a next encryption method as indicated in the encryption selection table by incrementing the key value and retrieving the next encryption algorithm associated with the incremented key value such that the device is operable to periodically change from one of the plurality of encryption methods to a different encryption method during the course of a single voice communication session.